

State Agency Waste Management Annual Report for

**California Department of Transportation, District 4 (333)
2002 - Annual Report**

Annual Report Summary -

Printed on 8/27/2003 3:30:54 PM

Part I

State Agency Name: California Department of Transportation, District 4
Address: 111 Grand Avenue Oakland, CA 94623
Director: Bijan Sartipi
Title: District Director
Recycling Coordinator: Edward West
Address: 111 Grand Avenue Oakland, CA 94623
Work Phone: (510) 286-6100
Fax Number: (510) 266-6107
Email Address: Edward_West@dot.ca.gov
Total Employees: 4,205
Total Vistors, inmates, etc : 4,512,860

Part II

Verified	District 4 Headquarters Office 111 Grand Ave. Oakland, CA 94623 Number of Employees: 2125	Edward West 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6100 Ext: Fax: (510) 266-6107 Email: Edward_West@dot.ca.gov
Verified	Satellite Office 1007 Knox Avenue San Jose, CA 95122 Number of Employees: 70	Lucia Lee 1007 Knox Avenue San Jose, CA 95122 Phone: (408) 254-5827 Ext: Fax: (510) 286-6107 Email:
Verified	Shop 4 1993 Marina Boulevard San Leandro, CA 94577 Number of Employees: 30	Jerry Cassel 1993 Marina Boulevard San Leandro, CA 94577 Phone: (510) 614-5973 Ext: Fax: (510) 286-6107 Email:
Verified	Maintenance - North Bay Region 64 Payran Street Petaluma, CA 94952 Number of Employees: 154	Don Kiser 64 Payran Street Petaluma, CA 94952 Phone: (707) 778-8024 Ext: Fax: (510) 286-6107 Email:
Verified	Maintenance - West Bay Region 380 Foster City Boulevard Foster City, CA 94404 Number of Employees: 115	Mike Peterson 380 Foster City Boulevard Foster City, CA 94404 Phone: (650) 358-4127 Ext: Fax: (510) 286-6107 Email:
Verified	Maintenance - East Bay Region 600 Lewelling Boulevard San Leandro, CA 94579 Number of Employees: 114	Larry McPeak 600 Lewelling Boulevard San Leandro, CA 94579 Phone: (510) 614-5942 Ext: Fax: (510) 286-6107 Email:

		Email: Larry_McPeak@dot.ca.gov
Verified	Construction Office 3401 Regatta Boulevard Richmond, CA 94804 Number of Employees: 94	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 1421 B. Street Hayward, CA 94541 Number of Employees: 8	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 1545 Willow Street Oakland, CA 94667 Number of Employees: 38	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 21030 Redwood Road Castro Valley, CA 94546 Number of Employees: 18	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 3535 & 3529 Breakwater Avenue Ste. B Hayward, CA 94541 Number of Employees: 17	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Lab 21339 Cabot Boulevard Hayward, CA 94545 Number of Employees: 7	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Lab 3451 Vincent Road #B Pleasant Hill, CA 94523 Number of Employees: 5	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 1910 Olympic Boulevard Walnut Creek, CA 94596 Number of Employees: 37	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 825 Alfred Noble Drive Ste. B & Q Hercules, CA Number of Employees: 9	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 3045 Research Drive Richmond, CA 94806 Number of Employees: 60	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 925 Linden Avenue Ste. A & B San Francisco, CA 94080 Number of Employees: 26	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 1116 South Amphlette Boulevard #3 San Mateo, CA 94402 Number of Employees: 6	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office Highway 29/37 Vallejo, CA Number of Employees: 6	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office	Bea Bustamante

	1009 Clegg Court Unit A Petaluma, CA 94954 Number of Employees: 74	111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 1142 State Farm Drive Santa Rosa, CA 95403 Number of Employees: 6	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 202 Fourth Street Santa Rosa, CA 95401 Number of Employees: 30	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Office 208 Fourth Street Santa Rosa, CA 95401 Number of Employees: 15	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 670 Scott Creek Road Fremont, CA 94539 Number of Employees: 13	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 1901 Wanda Street Crockett, CA 94525-1002 Number of Employees: 8	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 1601 Dowrelio Street Crockett, CA 94525 Number of Employees: 11	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 995 Western Drive Richmond, CA 94801 Number of Employees: 61	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 2675 East San Francisco Boulevard San Rafael, CA 94901 Number of Employees: 10	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 4470 Redwood Highway Ste. 102 San Rafael, CA 94903 Number of Employees: 17	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer Redwood Boulevard & Trancas Napa, CA 94558 Number of Employees: 5	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 280 Beale Street (3 Trailers) San Francisco, CA 94105-1902 Number of Employees: 72	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 551 Pilgrim Drive Ste. A & B Foster City, CA 94404-1249 Number of Employees: 18	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 128 Ranch Drive Milpitas, CA 95035-5101 Number of Employees: 18	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov

		Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 650 Irene Street San Jose, CA 95110-1924 Number of Employees: 18	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 465 B. Fairchild Avenue Ste 206 & 207 Mountain View, CA 94043-2216 Number of Employees: 34	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 2320 Courage Drive Ste. 101 & 106 Fairfield, CA 94523-6743 Number of Employees: 30	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 100 C. Industrial Way Benecia, CA 94510-1112 Number of Employees: 4	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 29035 Highway 116 Jenner, CA 94550-9707 Number of Employees: 3	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 900 Hopper Street Petaluma, CA 94952-3388 Number of Employees: 4	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Construction Trailer 5400 Sears Point Road Sonoma Creek, CA Number of Employees: 5	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Verified	Maintenance - Delta Region 2616 North Main Street Walnut Creek, CA 94597-2713 Number of Employees: 117	Manuel Miranda 2616 North Main Street Walnut Creek, CA 94597 Phone: (925) 926-6123 Ext: 0 Fax: Email: Manual_Miranda@dot.ca.gov
Verified	Maintenance - South Bay Region 500 Queens Lane San Jose, CA 95112-4311 Number of Employees: 109	Bob Salazar 500 Queens Lane Oakland, CA 94623 Phone: (408) 452-7120 Ext: Fax: 408 Email: Bob_Salazar@dot.ca.gov
Verified	Maintenance - Specialty Region 30 Rickard Street San Francisco, CA 94134 Number of Employees: 212	Vic Barbarick 30 Rickard Street San Francisco, CA 94134 Phone: (415) 330-6500 Ext: Fax: (415) 330-6515 Email: Vic_Barbarick@dot.ca.gov
Verified	Maintenance - Toll Bridge San Francisco/Oakland Bay Bridge Toll Plaza Room 2 Oakland, CA Number of Employees: 305	Jim Newman SFOBB Administration Bldg Oakland, CA 94607 Phone: (510) 286-0879 Ext: Fax: (510) 834-0804 Email: Jim_Newman@dot.ca.gov
Verified	Construction Office 4585 Pacheco Boulevard Martinez, CA 94553 Number of Employees: 67	Bea Bustamante 111 Grand Avenue Oakland, CA 94623 Phone: (510) 286-6807 Ext: Fax: (510) 286-4563 Email: Bea_Bustamante@dot.ca.gov
Total Employees: 4205		

Part III Section 1

Summary of program information entered to date.

Diversions Calculations				
Program	Existing	Planned/ Expanding	Tons	
Material Exchange	X		13.520	
Beverage Containers	X		1.080	
Cardboard	X		13.000	
Office Paper (white)	X		33.640	
Office Paper (mixed)	X		2.400	
Tires	X		38.040	
Scrap Metal	X		47.130	
Wood waste	X		151.880	
Concrete/asphalt/rubble (C&D)	X		1,870.000	
Total Tonnage Diverted			2,170.690	
Total Tonnage Disposed			327.890	
Total Tonnage Generated			2,498.580	
Overall Diversion Percentage (Tonnage Diverted / Tonnage Generated)			86.9%	

Hazardous Materials (Programs not included in calculations)				
Program	Existing	Planned/ Expanding	Tons	
Batteries	X		(1.470)	
Used Oil/Antifreeze	X		(134.890)	
Other HHW	X		(49.390)	

Part III Section 2

This section of the annual report presents the methods in which your agency informed both employees and customers served that a recycling program was being implemented. Below are identified the programs you reported were continued or implemented during 2002.

1. Fliers
2. Office Paper Recycling Guide

Part III Section 3

Procurement Activities Implemented in 2002

This section of the annual report presents your compliance with the State Agency Buy Recycled Campaign (SABRC). The activities identified below were reported as implemented or continued during 2002. (Note: Completing this section does not meet the [SABRC reporting requirements](#) (PCC Section 12162(b)).

1. Department-Wide Recycled-Content Procurement (RCP) Policy
2. Requiring Recycled- Content Product Certification for All Purchases
3. Annual Submittal of SABRC Report

Part IV

1. **Is the mission statement of the State agency/large State facility the same as reported in the previous year?**

Yes

If No, what is the new mission statement?

2. **How has the waste stream (i.e. those materials disposed in landfills) changed since the Integrated Waste Management Plan was submitted? (Changes include kinds and quantities of materials disposed in landfills.)**

The waste stream has probably remained pretty much the same since the Integrated Waste Management Plan was submitted. There have been some new programs that have recently been implemented that should help to decrease the waste stream in the future. One in particular is with the Adopt-A-Highway program. In June 2002, some of the Adopt-A-Highway groups in Districts 4 & 8, and all of the Adopt-A-Highway groups in District 1 were given specially made bags for the volunteers to use in order to separate out recyclables from the rest of the waste that is picked up along the highways. This is currently being done as a pilot project and upon its success, these bags will be distributed to all of the Adopt-A-

Highway groups. The Department is also looking into other possibilities to increase our diversion efforts. These include establishing recycling containers at all of the 88 Road Side Rest Stops throughout the state. Another possibility being examined is the possibility of recycling damaged traffic safety cones, thus diverting some 35,000 cones from entering the landfills annually. With the implementation of these projects along with gathering valuable information from our annual AB 75 reports, the Department anticipates that the waste stream in future years shall decrease.

3. **Summarize what [waste diversion programs](#) were continued or newly implemented in 2002.**

At the District Offices, Headquarters, and the larger field offices, typical office supplies, furniture, and equipment are recycled. For example, white paper, mixed paper, beverage containers, cardboard, beverage containers, toner cartridges, are diverted. At some of the smaller field offices, the employees are encouraged to recycle the above-mentioned materials, but because of their location or relatively small amount of waste generated, is not always tracked and therefore not included in the report. When appropriate, office furniture and computer equipment is donated to charitable organizations.

Other types of materials that are generated by the Department are a result of the fleet of vehicles owned by Caltrans. Some of these materials include motor oil, engine lubricants, anti-freeze, tires, and solvents. Even though these waste materials do not count towards AB 75, they still do get recycled. Over the years, the Department has undergone a significant move to lower emissions from our vehicles. Caltrans has termed this "Greening the Fleet". More information on this can be found at <http://www.dot.ca.gov/hq/eqsc/CleanAir/greenfleet.htm>.

Another source of waste that Caltrans generates is construction and demolition (C & D) debris generated from our construction projects and from our maintenance crews. Types and amounts vary widely and can include concrete, asphalt, steel, guard railing, and vegetation. Even though this material is being diverted from the landfills, how this will be tracked and documented is still being evaluated within the Department. For the 2001 AB 75 Report, one construction project per district was selected to determine the amount of C & D debris that was diverted from the landfills. The intent is to have information from all construction projects and maintenance operations report on their recycling activities in the future.

4. **How were the tonnages determined for the materials disposed and diverted? (e.g. waste assessments, per capita generation and extrapolation, actual disposal weights, or actual recycling weights)**

Amounts of materials disposed and diverted were determined by a variety of methods. For materials generated within the District Offices and Headquarters, which were recycled, the documentation was achieved by reviewing the actual receipts from the independent vendors who supply this service. In cases where obtaining actual receipts was not feasible, estimates were used by extrapolating the size and weight of containers and multiplying by the frequency of service. For materials, which were disposed of, the primary source for documentation was to extrapolate by determining the approximate average weight of the material in the disposal containers multiplied by the frequency of service. For determining the weights of the C & D debris and for some of the office supplies that were donated, the use of conversion charts was used.

5. **What types of activities are included in each of the reported programs? (The following link of [category definitions](#) may assist you in answering this question.)**

The Department does encourage the use of email, double-sided photocopying, and the reuse of envelopes. While these activities are included in the programs, they do not figure into the diversion calculations.

The District participates in material exchange and recycles beverage containers, cardboard, office paper (white and mixed), tires, scrap metal, batteries, and used oil/antifreeze.

6. **Has the State agency/large State facility adopted or changed its waste reduction policy?**
No

If Yes, what is the new waste reduction policy?

7. **What resources (staff and/or funds) did the State agency/large State facility commit toward implementing its Integrated Waste Management Plan in 2002 to help meet the waste diversion goals?**

The Department has identified one recycling coordinator in each district and at headquarters along with a Resource Conservation Senior in the Headquarters Resource Conservation Branch. No additional PY's were allocated for these positions. The recycling coordinators have the responsibility to report on AB 75 in addition to their prior duties.

It is the intent of the Department to include specification language in all new contracts that will require future construction projects to report on the amount of c&d waste which is both disposed of and diverted from landfills. This change is under development and will be implemented once all processes have been fully detailed. In the interim, should there be any questions please contact Jack Ezekiel at (916) 651-8254.